



[Document Name] ABSTRACT

[Abstract]

[Problems to be Solved] The present invention provides a novel membrane protein specifically expressed in the brain, a nucleic acid molecule encoding that protein, a method for manufacturing these compounds, and uses thereof.

[Means to Solve the Problems] The present inventors succeeded in isolating a novel gene thought to encode a transmembrane glycoprotein. This was achieved by using mRNA expressed in human adult brain to construct a cDNA library of 4 kb or more in size, and then analyzing the structure of cDNAs contained in that library using the shotgun method. The novel gene shows brain-specific expression, and the protein encoded by this gene comprises a typical PDZ protein binding motif.

[Selected Drawing]

None